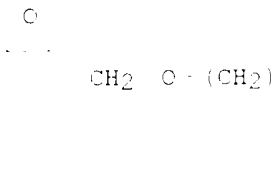
L Number	Hits	Search Text	DB	Time stamp
1	2	4719262.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:28
2	2	4961967.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:31
3	2	4933277.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:33
4	2	6004755.pn.	USPAT; US-PGPUB; DERWENT	2002/08/14 14:35
5	82246	microarray same discrete spots	USPAT; US-PGPUB; DERWENT	2002/08/14 14:35
6	82214	microarray near5 discrete spots	USPAT; US-PGPUB; DERWENT	2002/08/14 14:36
7	82204	microarray adj2 discrete spots	USPAT; US-PGPUB; DERWENT	2002/08/14 14:36
8	1674	microarray	USPAT; US-PGPUB; DERWENT	2002/08/14 14:36
9	463	microarray and discrete	USPAT; US-PGPUB; DERWENT	2002/08/14 14:37



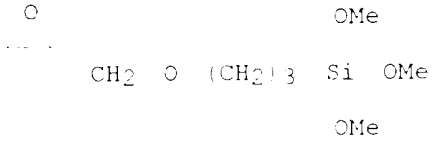
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 83 OF 146 CAPLUS COPYRIGHT 2002 ACS
AN 1995:713669 CAPLUS
DN 123:144634
TI Preparation of **peptide** analogs and other oxazolone (azlactone) derived materials.
IN Hogan, Joseph C., Jr.
PA Legomer Partners, L.P., USA
SC PCT Int. Appl., 134 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9400503	A1	19940106	WO 1993-US6240	19930630
	W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9346591	A1	19940124	AU 1993-46591	19930630
	AU 678168	B2	19970522		
	EP 649443	A1	19950426	EP 1993-916883	19930630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 08500576	T2	19960123	JP 1993-502661	19930630
	BR 9306656	A	19981208	BR 1993-6656	19930630
PRAI	US 1992-906756		19920630		
	US 1993-41562		19930402		
	WO 1993-US6240		19930630		

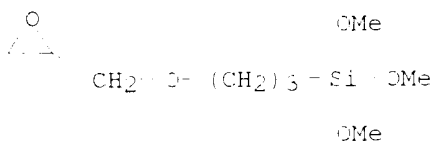
AB AX(NHCRR1CO)nYB [A, B = bond, H, electrophilic group, nucleophilic group, amino acid deriv., nucleotide deriv., carbohydrate deriv., org. structural motif, reporter element, org. moiety containing a polymerizable group, macromol. component, etc.; A and B are optionally connected to each other or to other structures; X, Y = bond, (substituted) C, N, S, O atom or combinations thereof; R, R1 = substituted alkyl, cycloalkyl, alkaryl, aralkyl, alkaryl, or heterocyclic derivs. thereof; C = connecting group, bond; n = (integer) 1; with provisos], were prepd. The new mols. and fabricated materials are mol. recognition agents useful in the design and synthesis of drugs, and have applications in sepns. and materials science. Thus, human elastase inhibitor (I) was prepd. starting from (S)-2-methylleucine via azlactone intermediates (II) and (III).

IT **2530-83-8D**, silica-**bound**
RL: RCT Reactant



=>

L6 ANSWER 141 OF 146 CAPLUS COPYRIGHT 2002 ACS
AN 1979:152580 CAPLUS
DN 90:152580
TI Carboxyl-terminal sequential degradation of **peptides**
AU Parham, M. E.; Loudon, G. Marc
CS Dep. Chem., Cornell Univ., Ithaca, N. Y., USA
SO Biochem. Biophys. Res. Commun. (1978), 80(1), 1-6
CODEN: BBRCA9; ISSN: 0006-291X
DT Journal
LA English
AB A Hofmann-type degrdn. of **peptide** amides was used for the title degrdn. CPG(O)-Pep-CONHCHRCONH2 [CPG = controlled pore glass, CPG(O) = CPG-Si(OMe)2(CH2)3OCH2CO, Pep-CO = **peptide** residue, R = side chain of C-terminal amino acid amide] was treated with PhI(O2CCF3)2 to give the isocyanate deriv. which was hydrolyzed in acid to give CPG(O)-Pep-CONHCHRNH3+ which was hydrolyzed at pH 7 and 100.degree. to give CPG(O)-Pep-CONH2 (I) and RCHO. I can be degraded by a repetition of the above procedure. This repetitive procedure was applied to eledoisin analog H-Lys-Phe-Ile-Gly-Leu-Met-NH2.
IT **2530-83-8**
RL: RCT (Reactant)
(reaction of, with controlled pore glass)
RN 2530-83-8 CAPLUS
CN Silane, trimethoxy[3-(oxiranylmethoxy)propyl]- (9CI) (CA INDEX NAME)



L6 ANSWER 119 OF 146 CAPLUS COPYRIGHT 2002 ACS
AN 1988:169484 CAPLUS
DN 108:169484
TI **Protein** modified with a silanation reagent as an adhesive **binder** and process of producing
IN Krinski, Thomas L.; Steinmetz, Alan L.
PA Ralston Purina Co., USA
SO U.S., 7 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4713116	A	19871215	US 1987-226	19870102

AB Title **protein**, when employed in paper coating contg. pigments, providing greater pigment structuring and wet rub resistance, is manufd. by treating an alk. **protein** dispersion with organosilanes. Thus, an alk. soybean flake ext. was heated with 8- (based on **protein** solids) NaOH at 60.degree. for 90 min, mixed with 10- .gamma.-glycidyloxypropyltrimethoxysilane at 50.degree. and pH 11 for 1 h, and treated with H2SO4 to pH 4.3 to give a ppt. A 47.4--solids paper coating compn. from clay 100, Na pyrophosphate 0.2, SBR latex 10, and the above ppt. 5 parts had viscosity (at 25.degree.) 5350, 3025, 1350, and 745 cP at 10, 20, 50, and 100 rpm, resp. Paper coated with the compn. showed K&N ink receptivity 17.8-, IGT coating lift off 206 cm/s, and wet rub 90.1-, vs. 14.5, 192, and 83.0, resp., for coating contg. unmodified **protein binders**.

IT **2530-83-8**, .gamma.-Glycidyloxypropyltrimethoxysilane
RL: USES (Uses)
(**proteins** modified with, as **binders** for paper coating with good rheol. property, printability and wet rub resistance)

RN 2530-83-8 CAPLUS
CN Silane, trimethoxy[3-(oxiranylmethoxy)propyl]- (9CI) (CA INDEX NAME)